Operating Instructions

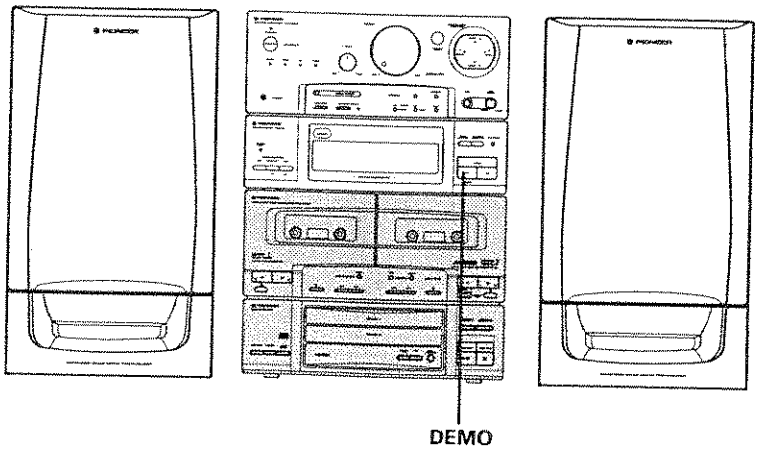
STEREO RECEIVER

SX-P630
SX-P530

SPEAKER SYSTEM

S-P730D
S-P630
S-P530D
S-P530

SPARE PARTS MASTER



Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Demo Function

To enter the demo mode, press the – (tuner down)/DEMO button when power is off. The power is automatically turned on. In the demo mode, various functions of this system appear on the display. When a program source is selected, you can enjoy listening to the selected source simultaneously.

To cancel demo mode:
Press one of any buttons on the amplifier or remote control unit.

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The Art of Entertainment

IMPORTANT 1

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT 2

The wires in this mains lead are coloured in accordance with the following code:

blue — neutral
brown — live

If the plug provided is unsuitable for your socket outlets, the plug must be cut off and a suitable plug fitted. The cut-off plug should be disposed of and must not be inserted into any 13 amp socket as this can result in electric shock. The plug or adaptor or the distribution panel should be provided with 13 amp fuse. As the colours of the wires in the mains lead of this appliance may not correspond with coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Do not connect either wire to the earth terminal of a three pin plug.

NOTE
After replacing or changing a fuse, the fuse cover in the plug must be replaced with a fuse cover which corresponds to the colour of the insert in the base of the plug or the word that is embossed on the base of the plug, and the appliance must not be used without a fuse cover. If lost, replacement fuse covers can be obtained from your dealer.

This appliance is rated at 13 amps. Only 13 amp fuses approved to B S 1362 A S T A should be used.

Information to User

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

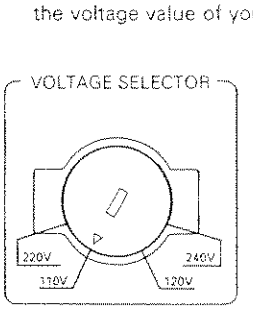
LINE VOLTAGE SELECTOR SWITCH

Only multi-voltage models are provided with this switch. U.K., Australian and European models are not provided with this switch.

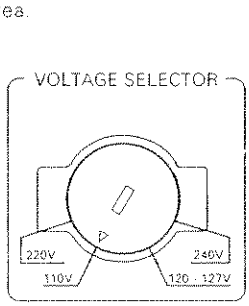
Mains voltages in Saudi Arabia are 127V and 220V only. Never use this model at the 110V setting in Saudi Arabia.

Before your model is shipped from the factory, this switch is set to the power requirements of the destination; nevertheless, you should check that it is set properly before plugging the power cord into the wall outlet.

1. Disconnect the power cord.
2. Use a medium-size screwdriver.
3. Insert the screwdriver into the groove on the voltage selectors and adjust so that the tip of the arrow points to the voltage value of your area.



<Round 2-pin AC plug model>



<Flat blade 2-pin AC plug model>

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MAINTENANCE

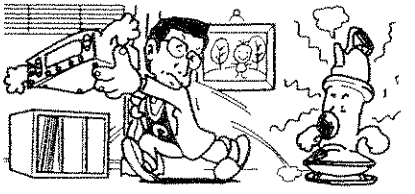
Maintenance of external surfaces

- Use a polishing cloth or dry cloth to wipe off dust and dirt.
- When the surfaces are very dirty, wipe with a soft cloth dipped in some neutral cleanser diluted five or six times with water and wrung out well, then wipe again with a dry cloth. Do not use furniture wax or cleaners.
- Never use thinners, benzene, insecticide sprays or other chemicals on or near this unit, since these will corrode the surfaces.

CAUTIONS REGARDING HANDLING

Location

Install the unit in a well-ventilated location where it will not be exposed to high temperature or humidity.
Do not install the unit in a location which is exposed to direct rays of the sun, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Installation of the unit in a damp or dusty environment may also result in malfunction or accident. (Avoid installation near cookers, etc., where the unit may be exposed to smoke from oil, steam or heat.)

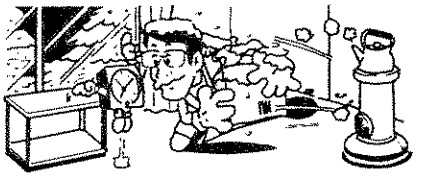


Precautions regarding installation

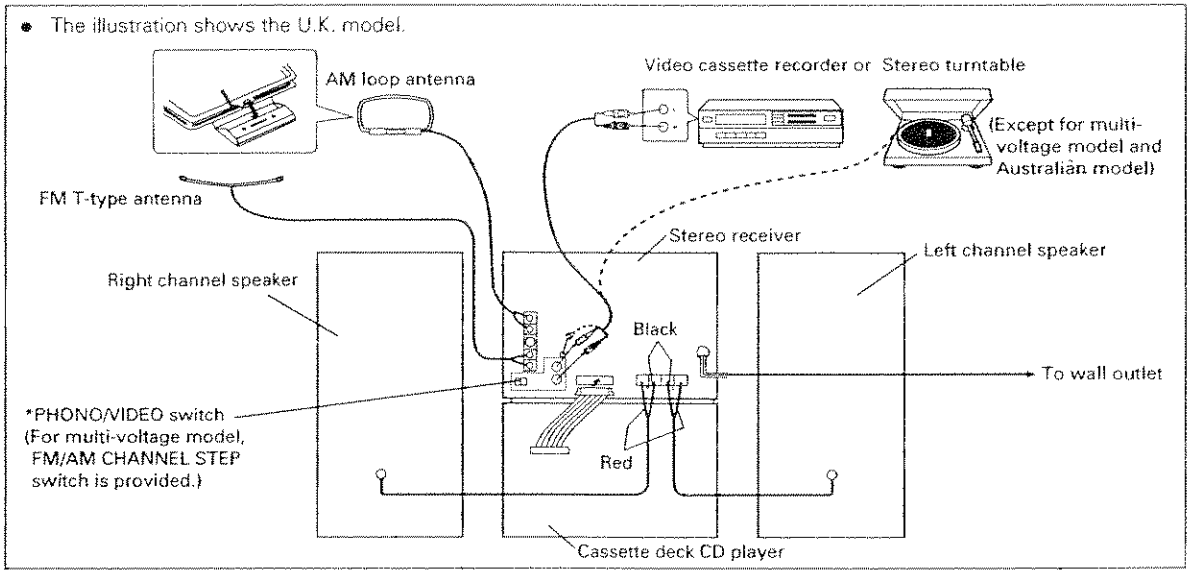
- Placing and using the unit for long periods on heat-generating sources will affect performance. Avoid placing the unit on heat-generating sources.
- Install the unit as far away as possible from your TV. Installation in close proximity to such equipment may cause noise or degradation of the picture.
- Such noise may be particularly noticeable when an indoor antenna is used. In such cases, make use of an outdoor antenna, or turn off the power to the unit.
- Please place this unit on a level surface.

Condensation

When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside, and the unit may not be able to attain its full performance. If this occurs, allow the unit to stand for about an hour or raise the room temperature gradually.



CONNECTIONS



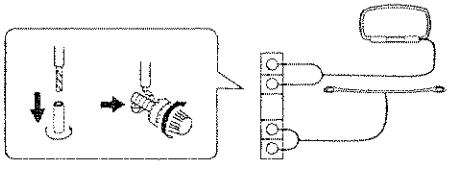
- Plug the power cord into the AC wall outlet only after all the connections have been completed.
- Be sure to connect an antenna. If you do not, broadcast signal reception will not be possible.

1 Assemble the AM loop antenna.

Insert the claw on the bottom of the antenna into the groove on the leg.

- To permanently fix the antenna, screw the leg to a wall or something similar before assembling.

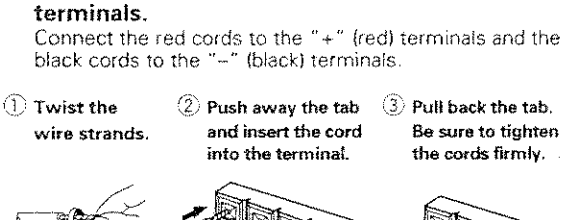
2 Connect AM loop antenna and FM T-type antenna to the antenna terminals of the receiver.



3 Connect the speaker cords to the SPEAKERS terminals.

Connect the red cords to the "+" (red) terminals and the black cords to the "–" (black) terminals.

① **Twist the wire strands.** ② **Push away the tab and insert the cord into the terminal.** ③ **Pull back the tab. Be sure to tighten the cords firmly.**



NOTE:

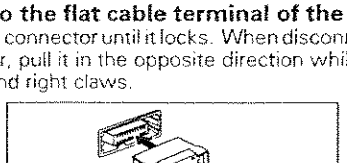
Do not allow the conductors of the cords to project out of the terminals or to come into contact with other conductors. A breakdown or failure may occur when conductors touch.

Speaker impedance

Connect a speaker system with a nominal impedance ranging from 8 to 16 Ω.

4 Connect the flat cable of the cassette deck CD player to the flat cable terminal of the receiver.

Insert the connector until it locks. When disconnecting the connector, pull it in the opposite direction while pressing the left and right claws.



Precaution:

When connecting or disconnecting the flat cable, do so only after disconnecting the power plug from the AC wall outlet.

5 Connecting a turntable: *Set the PHONO/VIDEO switch to the PHONO position and connect the output jacks to the PHONO/VIDEO IN jacks and the ground wire to the GND terminal of this unit.

Connecting a video cassette recorder: *Set the PHONO/VIDEO switch to the VIDEO position and connect the audio output jacks to the PHONO/VIDEO IN jacks of this unit.

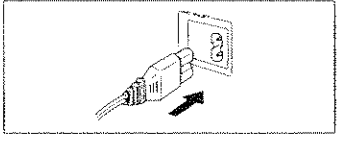
NOTE:

Do not change the setting of the PHONO/VIDEO switch after the setting and connections are completed.

- For multi-voltage model and Australian model, the VIDEO jacks are provided instead of the PHONO/VIDEO jacks.

6 Finally, plug the power cord in the AC wall outlet.

Except for the U.K. model, connect the supplied power cord to the AC INLET terminal of this unit, and then plug it in the AC wall outlet.



NOTE:

Insert the plugs securely into the jacks. Improper connection can lead to sound distortion or malfunction.

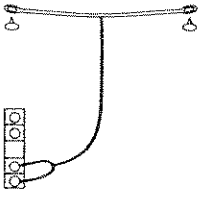
ANTENNA CONNECTIONS

Radio reception is not possible unless the antenna is properly connected.
The strength of broadcast signals varies from one area to another. Signal propagation is especially poor in metropolitan areas, where there are many tall buildings, and in mountainous areas. Proper antenna installation is vital to good reception.

FM ANTENNA

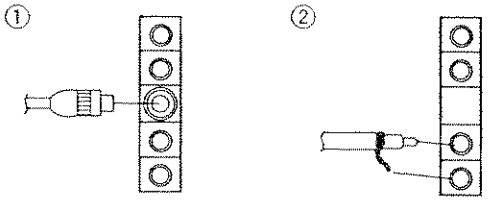
FM antenna

Connect the accessory FM T-type antenna to the FM terminal. Stretch the antenna out to its full "T" shape, and affix it to a wall, etc.



External FM antenna installation

Use an external antenna when the signals from stations are weak and cannot be picked up by the accessory FM T-type antenna, or when the sound heard is accompanied by large amounts of noise.
U.K. model: If the FM antenna terminal is a PAL terminal, connect as shown in Figure ①.
Australian and Multi-voltage models: If the FM antenna terminal is not a PAL terminal, connect as in Figure ② if using a 75 Ω coaxial cable.



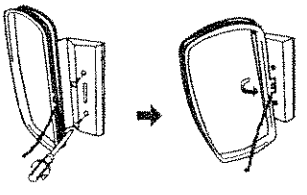
AM ANTENNA

The antenna should be placed at a distance from the tuner, and should not be allowed to touch metallic objects. Avoid placing it near CD players, personal computers, television sets, and other devices generating radio frequencies.

- Place the antenna on a level surface and rotate it to find the orientation that yields the best reception.

To attach the antenna to a wall, etc.

1. Select the place to attach the antenna that yields the best reception.
2. Screw the leg to the wall, etc.
3. Insert the claw on the bottom of the antenna into the groove on the leg.



External AM antenna

Indoor AM antenna

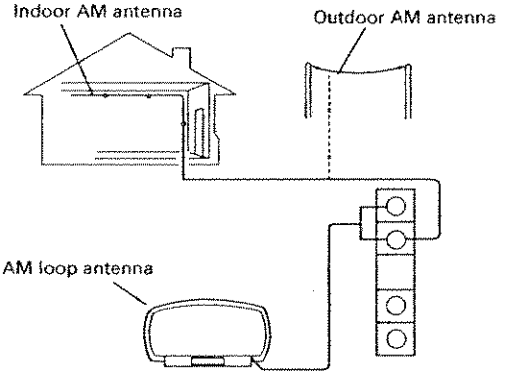
Provide a vinyl-coated wire (5 to 6 meters long). Secure one end to the AM terminal and the other end to a wall or other high location.

Outdoor AM antenna

If reception is still poor even when a lead antenna has been fully extended indoors, stretch out a vinyl-coated wire and secure it outdoors.

NOTE:

Do not detach the AM loop antenna when using the external AM antenna.



FM/AM CHANNEL STEP SWITCH

(For multi-voltage model)

This switch is not provided on models for the U.K., Australia and Europe. Adjustment is only necessary when there is a CHANNEL STEP switch on the rear panel.
The CHANNEL STEP switch is located on the rear panel of the stereo receiver. Before the stereo receiver leaves the factory, this switch is set to the channel step standard of the areas where the stereo receiver is sold.
Depending on the position of this switch, each time +/– (tuner up/down) is pressed, the frequency display changes by the following amount:

[100/10 kHz] position

For areas with a channel step of 100 kHz for FM and 10 kHz for AM.

[50/9 kHz] position

For areas with a channel step of 50 kHz for FM and 9 kHz for AM.

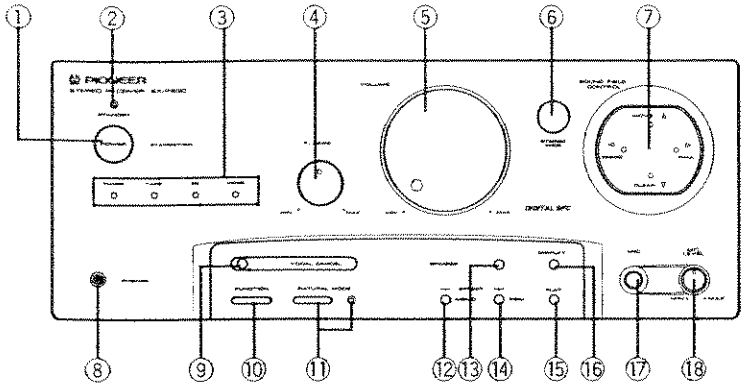
NOTE:

If the switch is set to the wrong position, correct tuning may not be possible.

Consult your dealer if you are not sure about the radio channel step standard in your area.

NAMES AND FUNCTIONS OF PARTS

AMPLIFIER



<SX-P630>

- The above illustration shows multi-voltage and Australian models of SX-P630.

AMPLIFIER

① POWER STANDBY/ON switch

This is the switch for electric power.

ON: When set to the ON position, power is supplied and the unit becomes operational.

STANDBY: When set to the STANDBY position, the main power flow is cut and the unit is no longer fully operational. A minute flow of power feeds the unit to maintain operation readiness. (The STANDBY indicator lights.)

② STANDBY indicator

When the unit is in the STANDBY mode, this indicator lights.

③ Function indicators (TUNER, TAPE, CD, PHONO/VIDEO) <Multi-voltage and Australian models: (TUNER, TAPE, CD, VIDEO)>

Show the selected function.

④ P.BASS control (p. 17)

⑤ VOLUME control

⑥ STEREO WIDE button (p. 20)

⑦ SOUND FIELD CONTROL button (DISCO/◁, HALL/▷, MOVIE/△, CLEAR/▽) (p. 16, 18)

⑧ Headphones jack (PHONES)

⑨ VOCAL CANCEL button (p. 21) (multi-voltage and Australian models only)

⑩ FUNCTION button

Each time this button is pressed, the function changes in the following sequence:

TUNER → TAPE → CD → PHONO/VIDEO →
(Multi-voltage and Australian models: VIDEO)

- For the U.K. model, the function switches according to the setting of the PHONO/VIDEO switch on the rear panel.

⑪ NATURAL MODE button and indicator (p. 17)

⑫ EFFECT –/MEMO button (SX-P630) (p. 16, 19) MEMORY button (SX-P530) (p. 19)

⑬ SFC/GEQ button (p. 18, 19)

⑭ EFFECT +/PGM button (SX-P630) (p. 16, 19) PROGRAM button (SX-P530) (p. 19)

⑮ FLAT button (p. 18)

⑯ DISPLAY button (p. 12)

⑰ Microphone jack (MIC) (p. 21) (multi-voltage and Australian models only)

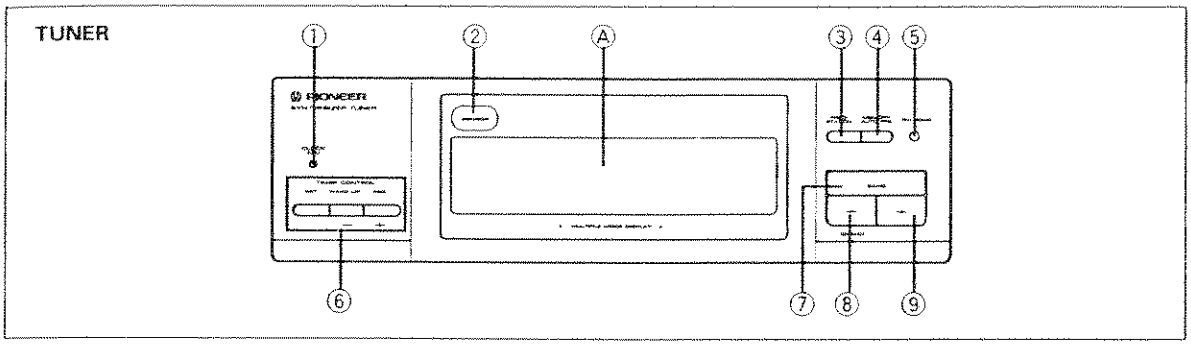
⑱ MIC LEVEL control (p. 21) (multi-voltage and Australian models only)

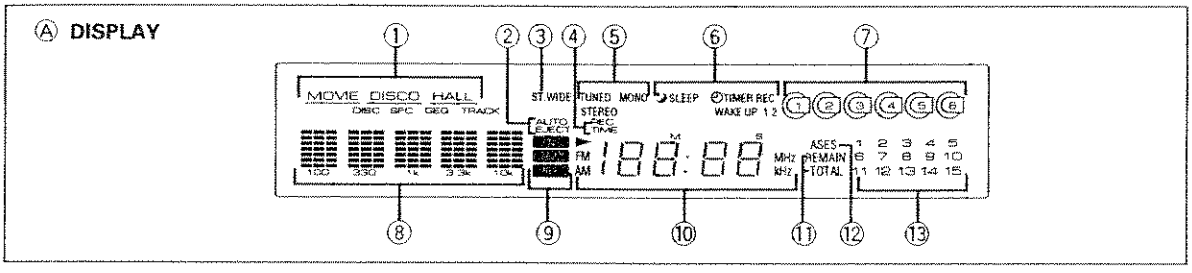
Auto Function

This model is equipped with "Auto Function" operation, so when the switch for CD PLAY, RANDOM, PLAY (tape), +/– (tuner up/down) or BAND is pressed, the function switches automatically. Use the FUNCTION button to select the component connected to the PHONO/VIDEO (VIDEO) jacks, since Auto Function is not effective for this.

NOTE:

The function cannot be switched during recording except for tape copying. (Auto Function does not operate either.)





TUNER

① **CLOCK ADJ button (p. 11)**
② **Remote sensor window (SENSOR) (p. 4)**
Ⓐ **Display**
③ **FREQ/STATION button (p. 12, 15)**
④ **MEMORY/AUTO PRE button (p. 13, 14)**
⑤ **FM MONO button (p. 12)**
⑥ **TIMER CONTROL buttons (SET, WAKE UP/–, REC/+) (p. 11, 22, 24)**
⑦ **BAND button (p. 12)**
⑧ **– (tuner down) button (p. 12, 15)**
⑨ **+ (tuner up) button (p. 12, 15)**

Ⓐ DISPLAY

① **Sound field control indicators**
Display the SOUND FIELD CONTROL settings.

② **AUTO EJECT indicator (For PDC-P530T and PDC-P630T)**
Lights when AUTO EJECT function is ON.

③ **ST. (stereo) WIDE indicator**
Lights when STEREO WIDE is turned on.

④ **REC TIME indicator**
Lights when the elapsed recording time display is selected by pressing DISPLAY.

⑤ **Tuner indicators**
Indicate the tuning mode.

⑥ **Timer indicators**
Display timer settings.

⑦ **Disc number indicators (For PDC-P530M, No.1 ~ No. 6) (For PDC-P530T and PDC-P630T, No.1 and No.2 only)**

⑧ **Function display**
Normally functions as a spectrum analyzer.
Also, this displays the selected function. In the TUNER mode, this displays the station No., and when playing a CD it displays the track No.

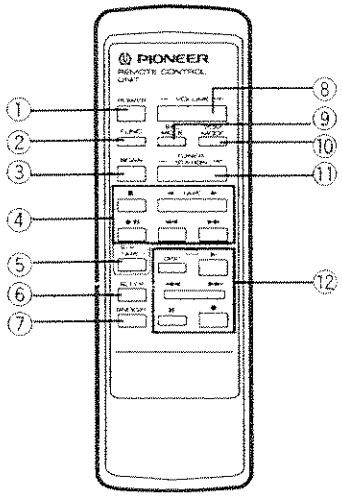
⑨ **RND:** Lights during random play for CD player.
PGM: Lights during program input and program play for CD player.
REP: Lights during repeat play for CD player.

⑩ **Frequency/Time display**
In TUNER mode, frequency is displayed. In any other mode it displays the time.

⑪ **REMAIN/TOTAL indicator (For CD player)**
"REMAIN" lights when the remaining play time display is selected by pressing DISPLAY. "TOTAL" lights when the total play time display is selected.

⑫ **ASES (Auto Synchro Editing System) indicator**
Lights when A.S.E.S. is performed.

⑬ **Music calendar (For CD player)**



REMOTE CONTROL UNIT

① POWER button

② FUNC (Function) button

Each time this button is pressed, the function changes in the following sequence:

TUNER → TAPE → CD → PHONO/VIDEO →
(Multi-voltage and Australian models: VIDEO)

③ SCAN button

When the function is set to TUNER: This button is used for scanning preset stations. **(p. 15)**
When the function is set to CD: This button is used for Hi-Lite Scan.

④ TAPE I/II operation buttons

(◄ ► Play, ■ Stop, ◄◄ ►► Fast, ● II Rec pause)

⑤ SHIFT TAPE I button

To operate TAPE I, press the desired deck operation button while pressing this button.

⑥ SLEEP button (p. 23)

⑦ SNOOZE button (p. 23)

⑧ VOLUME –/+ button

⑨ SFC MODE button (p. 16)

Each time this button is pressed, the SOUND FIELD CONTROL setting changes in the following sequence:

DISCO → HALL → CLEAR ← MOVIE ←

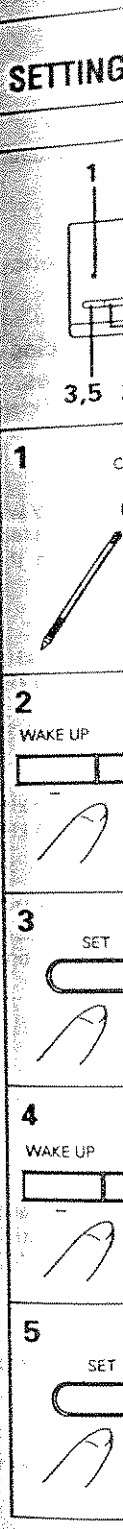
⑩ PGM MODE button (p. 19)

This button is used for calling up the memorized sound field setting.

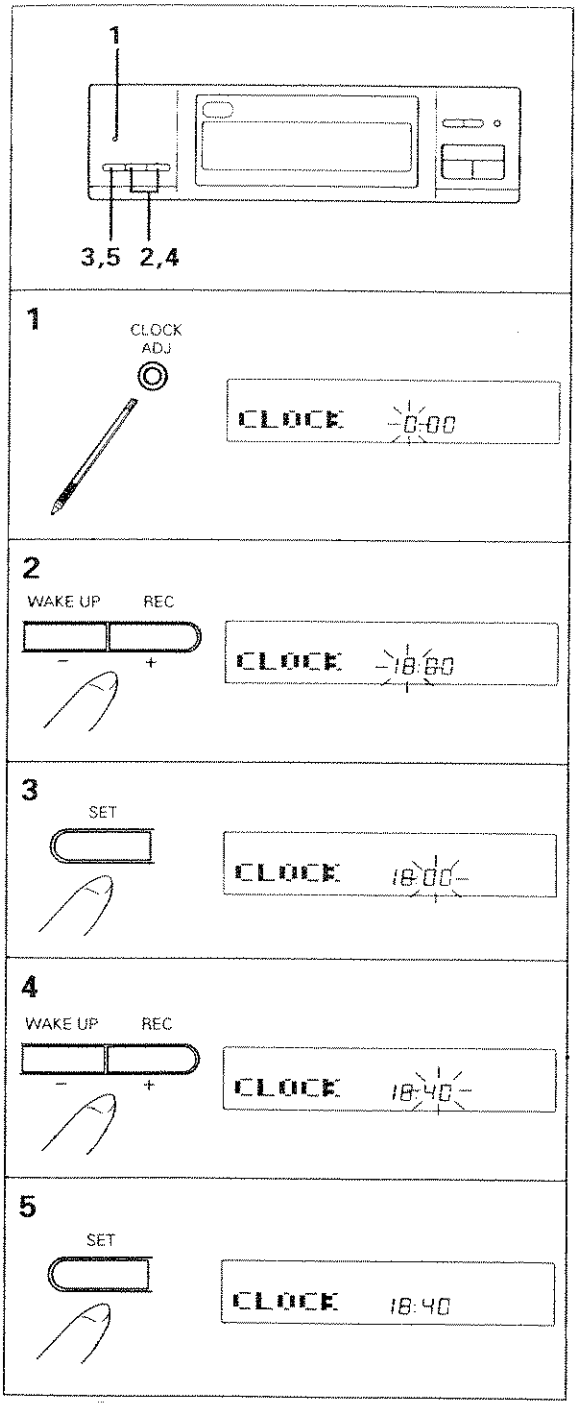
⑪ TUNER STATION –/+ button (p. 14, 15)

⑫ CD operation buttons

(► Play, ■ Stop, II Pause, |◄◄ ►►| Track search, DISC (For PDC-P530T, PDC-P630T and PDC-P530M))



SETTING THE CLOCK



- Set the clock when it has been incorrectly set, or when power has been cut to the unit.
- This clock provides a 24 hour display.
- The clock cannot be set by the remote control unit.

Example: Setting the clock to 18:40

1 Press CLOCK ADJ.
It is easy to press using a ball-point pen.

2 Use WAKE UP (–) and REC (+) to set the hour.

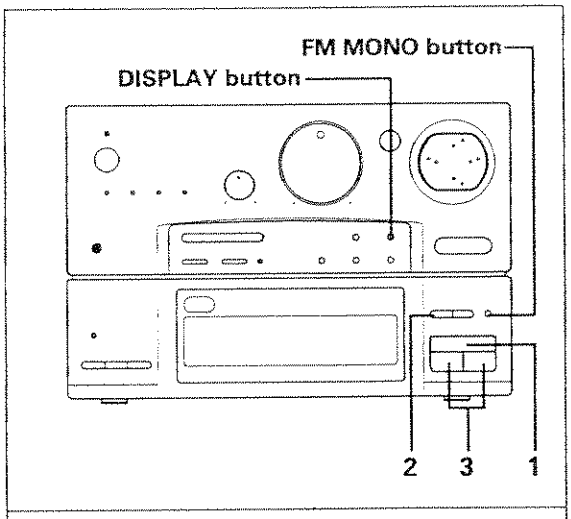
3 Press SET.

4 Use WAKE UP (–) and REC (+) to set the minute.

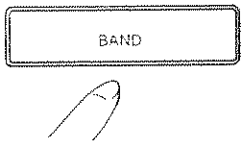
5 Press SET when "00" seconds of that minute are reached for precise adjustment.
"CLOCK" will disappear in about 2 seconds.

- After connecting to an AC outlet, be sure to set the present time. Timer playback and timer recording are not possible unless the time has been set.
- The time display will appear as "--:--" when the power is restored following a power failure, or if the power cord has been disconnected. In this case, be sure to set the present time again.

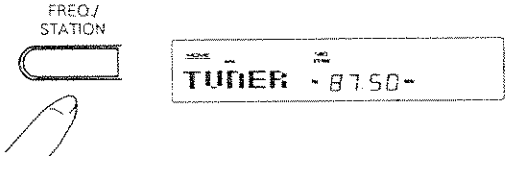
TUNING INTO STATIONS



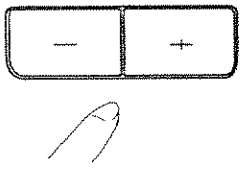
1



2



3



- Broadcast reception is not possible unless an antenna is connected, so be sure to connect one.

1 Select AM or FM with BAND.

2 Press FREQ/STATION to select frequency mode.

"TUNER" appears on the display.

3 Press + (tuner up) for higher frequencies or – (tuner down) for lower frequencies.

The TUNED indicator lights up when a station of sufficient signal strength is tuned in.

■ One step tuning

Press + or – and release quickly. The frequency will change by one step* each time the button is pressed. Press as many times as necessary to tune in the desired station.

*One step
U.K. and Australian models ..... FM: 50 kHz, AM: 9 kHz

Multi-voltage model
Depending on the position of the FM/AM CHANNEL STEP switch on the rear panel, one step changes as follows.
[100/10kHz] position ..... FM: 100 kHz, AM: 10 kHz
[50/9kHz] position ..... FM: 50 kHz, AM: 9 kHz

■ Auto tuning

Press + or – until the frequency starts to change (1-2 sec.), then release it. The tuner will automatically search for a broadcasting station and stop when one is found, and the TUNED indicator lights up.
To search for another station, press again.

■ High speed manual tuning

Keep + or – pressed. The frequency changes continuously, and stops when the switch is released.

FM MONO button

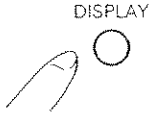
During FM reception: Switches between stereo and monaural modes when listening to a stereo broadcast. If there is a lot of noise in the stereo position, switch to MONO and the noise will be suppressed.

Last station memory

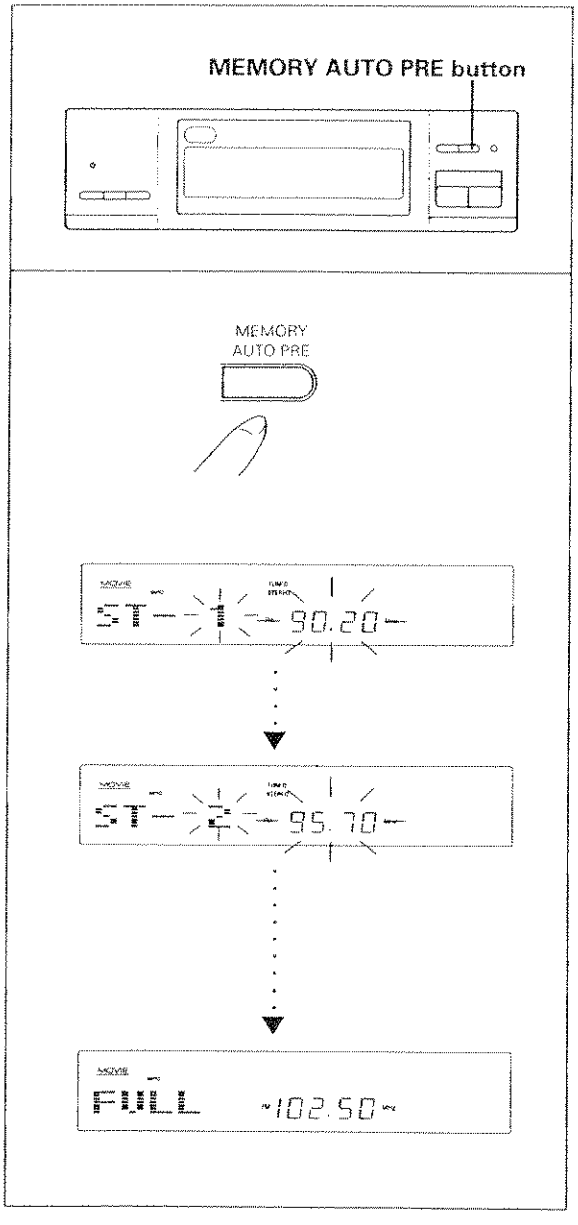
The last received AM and FM stations remain stored regardless of function and/or POWER switching.

To change the display mode:

Each time DISPLAY is pressed, the display switches between tuner mode and the current time.



MEMORIZING STATIONS



Auto presetting

Up to 24 FM/AM stations can be automatically memorized.

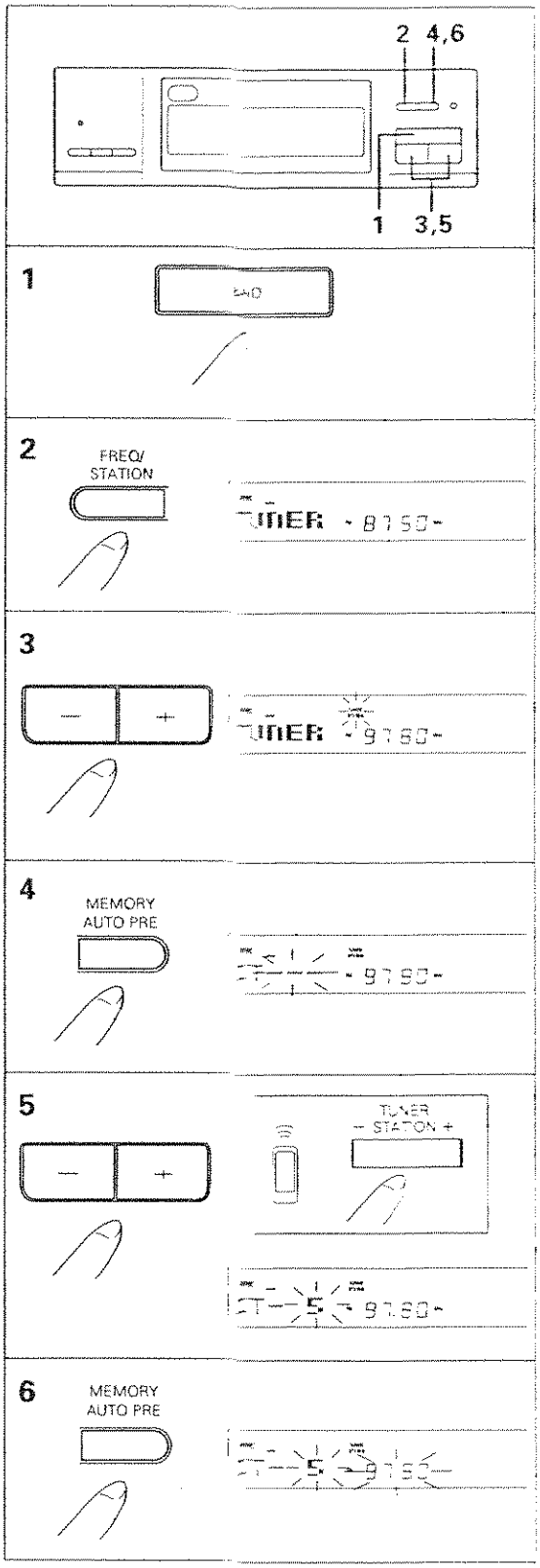
Keep MEMORY/AUTO PRE pressed for more than 5 seconds.

Auto presetting starts from the current station.
The unit scans the frequencies for receivable stations and automatically stores them in the station memory starting from ST-1. (First "AUTO" appears on the display.)
When 24 stations are stored, "FULL" appears on the display.

NOTES:

- *To cancel the auto presetting operation, press BAND, + (tuner up) or – (tuner down).*
- *The unit scans frequencies till the scanning of all frequencies is completed even if 24 stations are stored in the memory.*

MEMORIZING STATION



Manual presetting

- Up to 24 FM/AM stations can be memorized at random.
- For FM reception, the FM MONO setting can be memorized.

Example: To store FM station with a frequency of 97.80 MHz in station No. 5.

1 **Select AM or FM with BAND.**

2 **Press FREQ/STATION to select frequency mode.**
"TUNER" appears on the display.

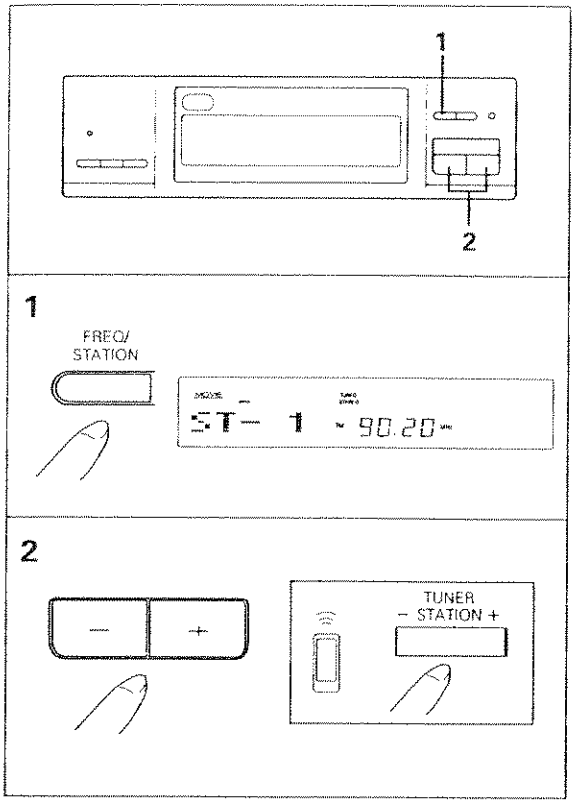
3 **Tune in the desired station with + or –.**

4 **Press MEMORY/AUTO PRE.**
"ST – – –" appears on the display.

5 **Select the station number to be memorized with + or –.**
Operate while the display is flashing (it flashes for about 5 seconds).

6 **Press MEMORY/AUTO PRE.**
Operate while the display is flashing (it flashes for about 5 seconds).
The displayed frequency is stored in the selected station No. Repeat steps 2 through 6 to memorize up to 24 stations.

Operations indicated by the ( ) mark are performed with the remote control unit.



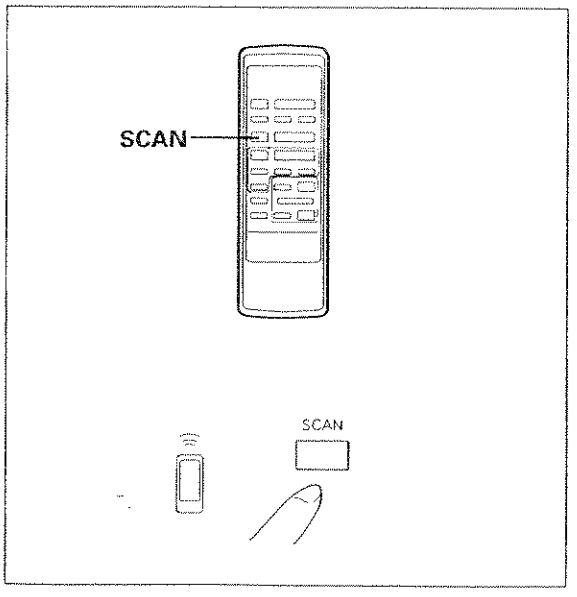
Station call

1 Press FREQ/STATION to select station mode.
Station No. appears on the display.

2 Select the station No. you want to recall with + or –.

NOTES:

- *The memorized stations will not be erased even if the power is turned off. However, if the AC power cord is unplugged or a power failure occurs, the memorized stations will be erased. (If the AC power cord is unplugged, the memorized stations will be preserved for several days.)*
- *If the memorized stations have been erased, memorize them again.*

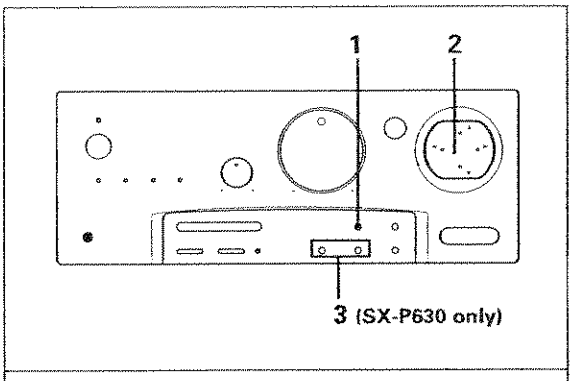


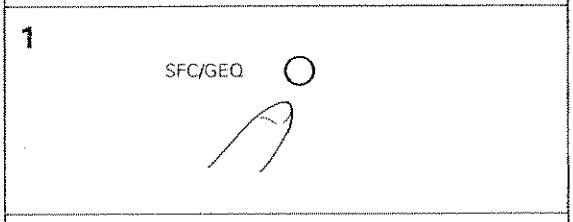
Scanning memorized stations

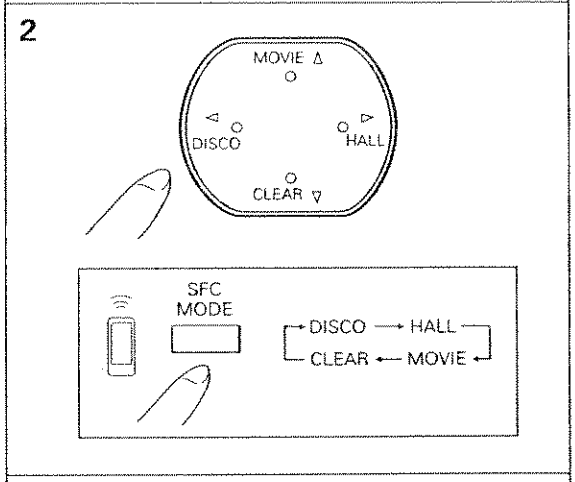
1 Press SCAN on the remote control unit during station reception.
Each memorized station is tuned in for about 5 seconds.

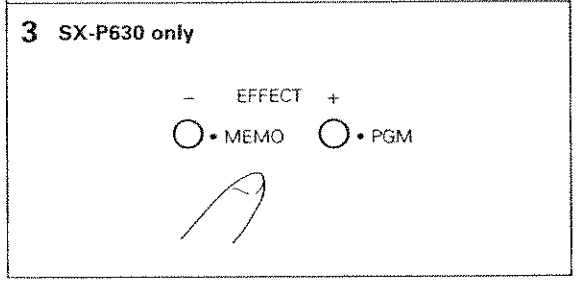
2 Press SCAN again as soon as the desired station is tuned in.

ADJUSTING THE SOUND (SOUND FIELD CONTROL OPERATION)









Selecting a preset sound field setting

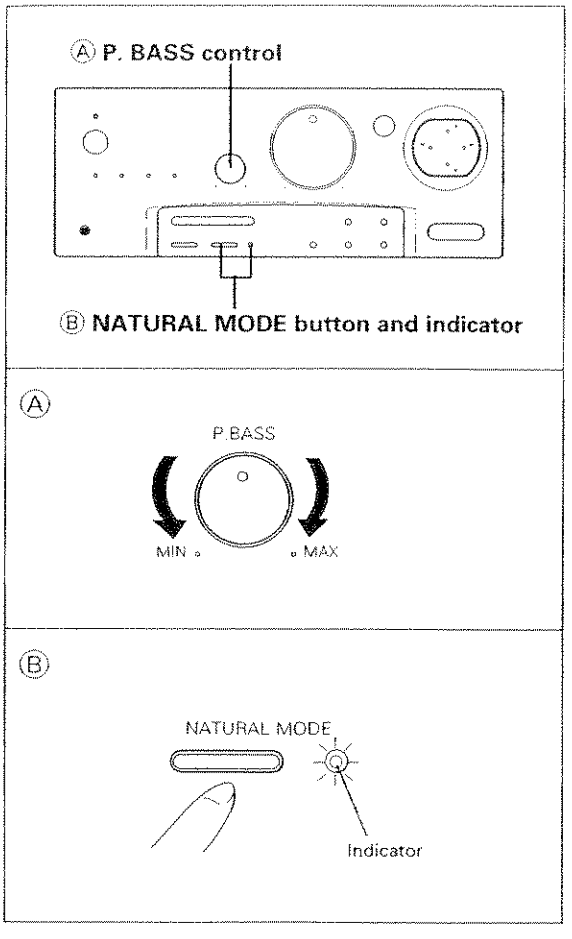
Select one of the three settings with the SOUND FIELD CONTROL button.

DISCO: Creates the sensation of being in a disco, with a lot of reverberation.
HALL: Gives you the feeling of being at a classical concert.
MOVIE: Naturally reproduces the conversations and effect sound, and provides wide and dynamic acoustics. This is effective with movie softwares.

1 Press SFC/GEQ to select the SFC (Sound field control) mode.
The SFC indicator lights on the display.
2 Select the desired sound field setting with the SOUND FIELD CONTROL button.

<SX-P630 only>
3 Use EFFECT –/MEMO and EFFECT +/PGM to change the level of the produced effects.

To clear SOUND FIELD CONTROL settings:
Press the CLEAR side of the SOUND FIELD CONTROL button.



Ⓐ Adjusting the low frequencies

To adjust the low frequency sound, use the P.BASS level control.
When this control is set to the MIN position, the sound has no effect. To boost the low frequency sound, rotate the control to the right (to the MAX position).

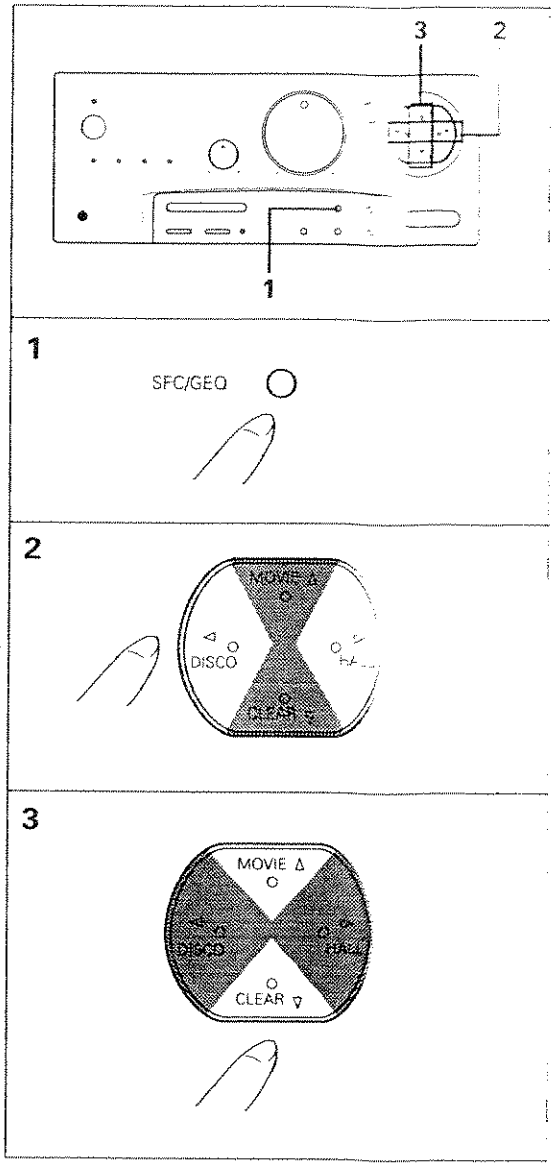
NOTE:
To protect speakers from excessive input signal level, be sure to lower the sound volume with VOLUME before rotating P.BASS toward the MAX position.

Ⓑ Compensating the high frequency sound (Natural mode)

When the high frequency sound is not clear, pressing NATURAL MODE automatically compensates the high frequency sound and reproduces a clear sound. When NATURAL MODE is turned on, the indicator lights.

- When NATURAL MODE is turned on, the settings of the graphic equalizer, SOUND FIELD CONTROL or STEREO WIDE are canceled.
  When the Natural mode function is activated, operating the graphic equalizer, SOUND FIELD CONTROL or STEREO WIDE automatically turns NATURAL MODE off.
- To obtain more natural sound, set P.BASS to the MIN position when NATURAL MODE is turned on.
- If the sound has no effect when NATURAL MODE is turned on, Hi-Fi sound is reproduced even if NATURAL MODE is turned off.
- When NATURAL MODE is turned on, VOCAL CANCEL function cannot be performed. (Multi-voltage and Australian models only)

CREATING A EQUALIZER PATTERN BY YOURSELF



- You can create your own finely tuned tonal patterns.
- Using this function, sounds are divided into several frequency ranges, and independent fine adjustments can be made for each of the ranges.
- The following five ranges can be adjusted:
  100 Hz, 330 Hz, 1 kHz, 3.3 kHz, 10 kHz

1 **Press SFC/GEQ to select the GEQ (graphic equalizer) mode.**
The GEQ indicator lights on the display.

2 **Press DISCO (◁) or HALL (▷) to select the frequency range you wish to adjust.**
The selected frequency range indicator blinks on the display.

3 **Adjust the level of the selected frequency range.**
Press MOVIE (△) to increase the level, and CLEAR (▽) to decrease it.

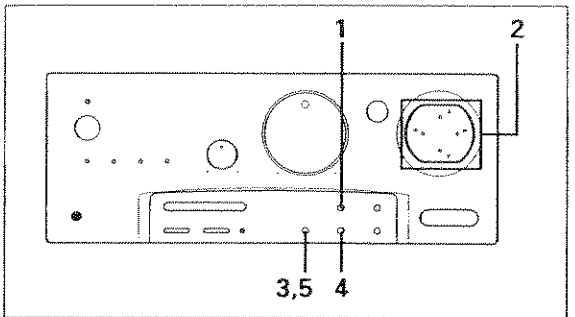
4 **To adjust the other frequency ranges, repeat steps 2 and 3 as required.**

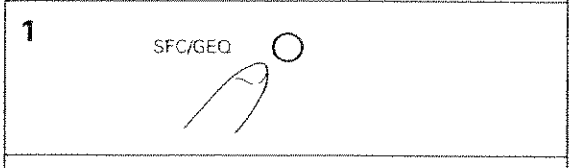
- About 5 seconds after adjustments have been completed, the display will return automatically to the spectrum analyzer.

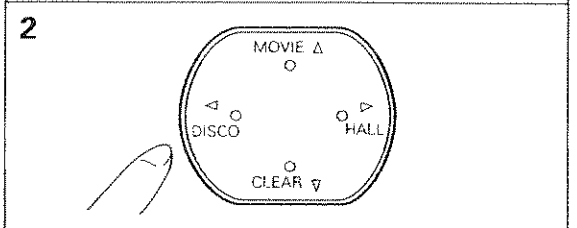
FLAT button:

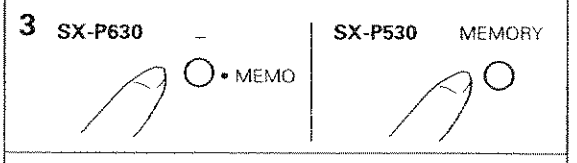
When this button is pressed, the equalizer level returns to the flat position.

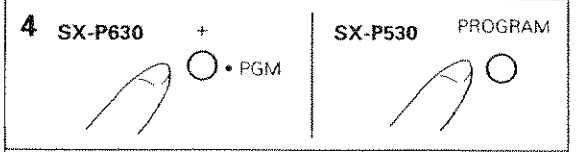
MEMORIZING A EQUALIZER PATTERN CREATED BY YOURSELF

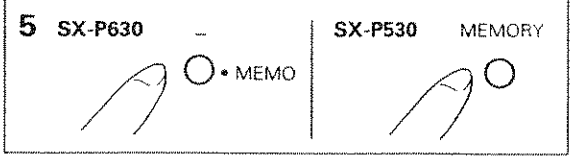


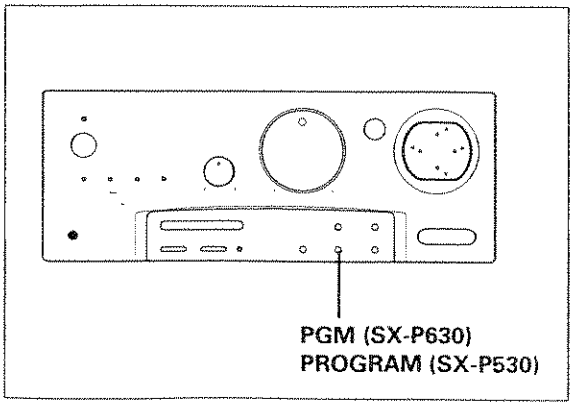












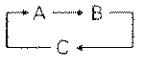
Memorizing a equalizer pattern

1 **Press SFC/GEQ to select the GEQ mode.**
The GEQ indicator lights on the display.

2 **Create a desired equalizer pattern.**
(See page 18.)

3 **Press MEMO (or MEMORY).**

4 **Select the memory No. (A, B or C) with PGM (or PROGRAM).**
Each time PGM or PROGRAM is pressed, the memory No. changes in the following sequence:

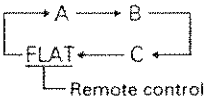


5 **Press MEMO (or MEMORY).**
The equalizer pattern is stored in memory.

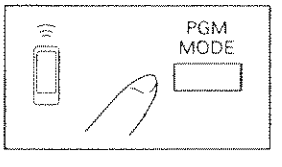
- If necessary, repeat steps 2 through 5 for other equalizer patterns. Up to three patterns can be stored.

Calling up a memorized equalizer pattern

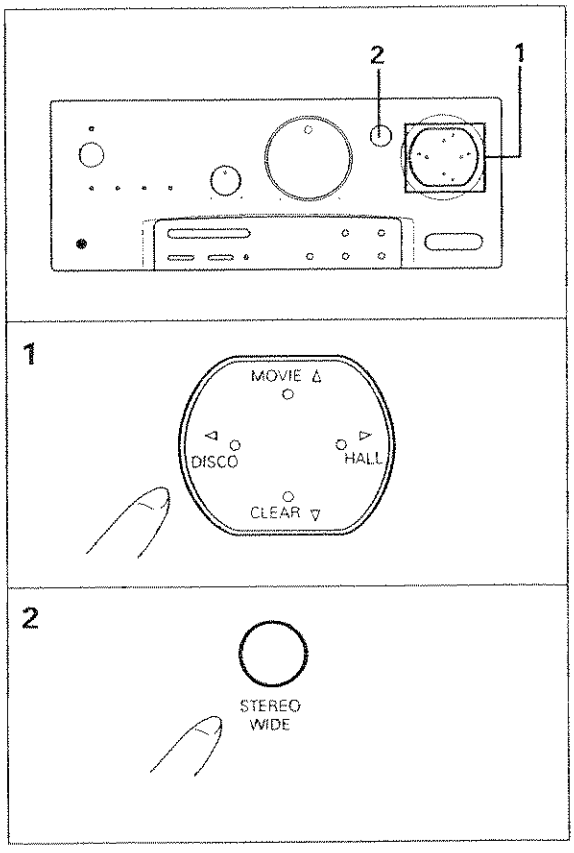
Press PGM (or PROGRAM) on the front panel or PGM MODE on the remote control unit to call up the stored equalizer pattern.
Each time PGM (or PROGRAM) or PGM MODE is pressed, the memory No. changes in the following sequence:



- The memorized contents will remain stored in the memory for several days even when the power switch is turned off. Even if a power-line interruption occurs, the memorized contents will be maintained in memory for a period of several hours.



CREATING AN EXPANSIVE SOUND FIELD (STEREO WIDE MODE)



The Stereo Wide function operates to create an enhanced sense of music presence.

1 Adjust the sound field to your preference.

2 Press STEREO WIDE.

The ST.WIDE indicator lights on the display.

To cancel the Stereo Wide function:

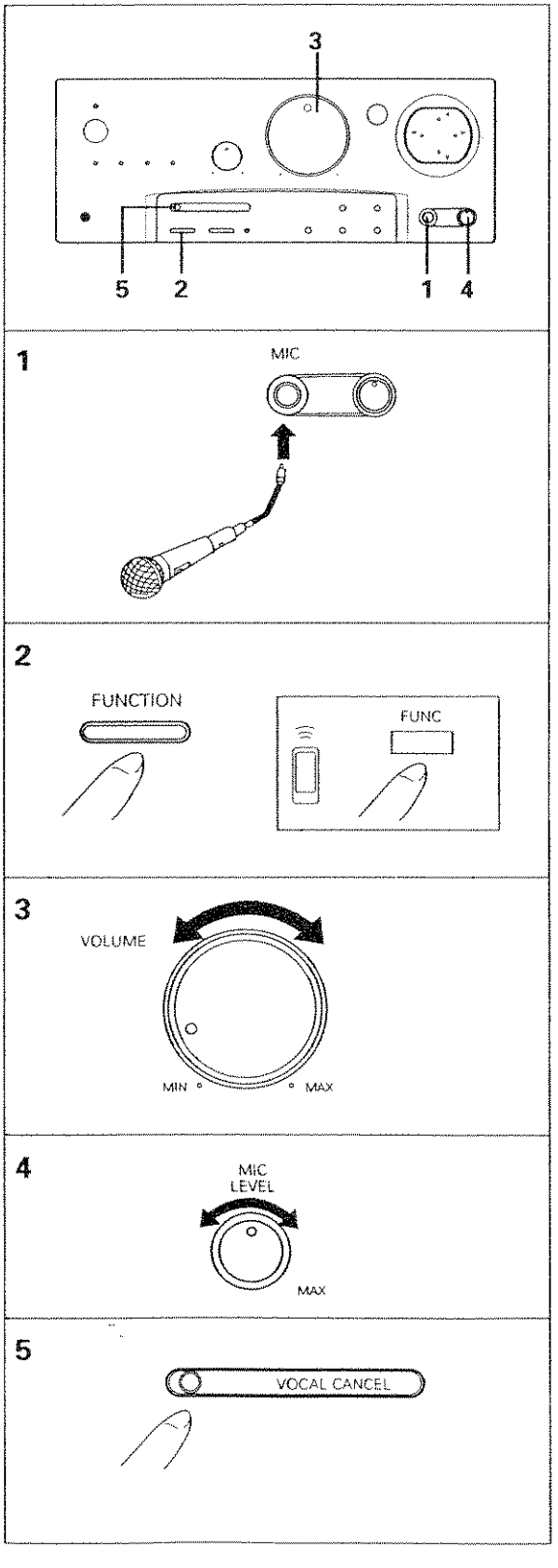
Press STEREO WIDE again.

<SX-P530 only>

- The sound field controller's HALL sound field has been designed so that the stereo wide function is already implemented when that sound field is selected.
  If STEREO WIDE is pressed when the HALL setting is selected, only the Stereo Wide function is canceled.

VOCAL

VOCAL CANCEL OPERATION (For multi-voltage and Australian models only)



- This function cuts frequencies in the vocal range during playback of a stereo source such as a CD, tape, or stereo FM broadcast. Setting the VOCAL CANCEL button to ON, and singing into a microphone provides an easy way to enjoy karaoke. (Although this function cuts frequencies in the vocal range, it does not completely eliminate the sound of the vocals.) This function has no effect with monaural sources.
- Achieving the full effect of this function may not be possible with songs featuring duets, different vocals on left and right channels, strong echo effects, or depending on recording conditions of sources.
- This function is most effective with sources other than tape.

1 Connect a microphone to the microphone jack.
2 Use the FUNCTION button to select the desired sound source.
3 Use the VOLUME control to adjust the sound volume as desired.
4 Use the MIC LEVEL control to adjust the sound volume of the microphone.
5 Begin playback of the sound source, and press the VOCAL CANCEL button.
6 Sing into the microphone to accompaniment of the music.

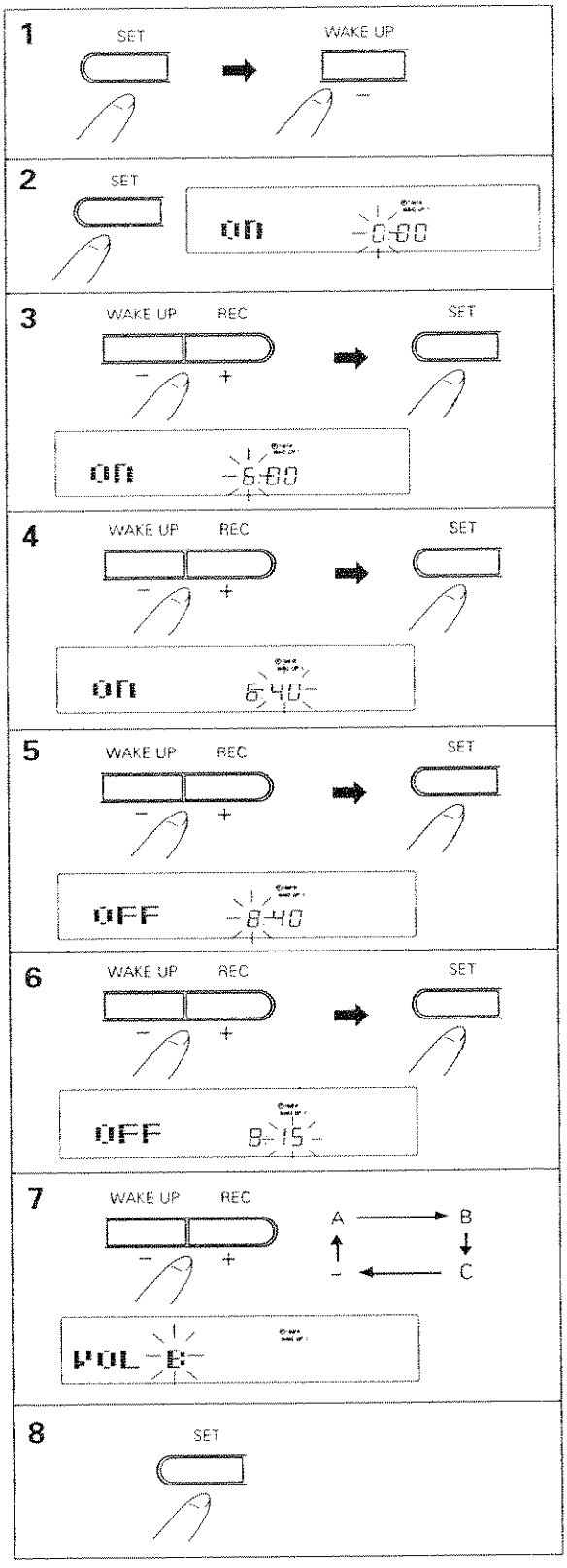
For microphone mixing recording:
You can record the results of your microphone mixing on Deck II.

- When playing back the recorded tape, set the VOCAL CANCEL to OFF.

NOTE:
Microphone mixing recording cannot be performed when TAPE has been selected in step 2.

If howling (microphone feedback) occurs:
During use of the microphone, if a high-pitched howling sound comes from the speakers, do one of the following:
Ⓐ Turn MIC LEVEL counterclockwise to decrease the microphone volume.
Ⓑ Locate the microphone away from the speakers.
Ⓒ Lower the sound volume.

TIMER PLAYBACK



Timer setting

- A compact disc, cassette tape or radio broadcast can be used instead of an alarm clock.
- Timer playback begins every day at the same time as long as the timer playback mode is not canceled.
- You can set two different timers; WAKE UP 1 and WAKE UP 2.

Before setting the timer:

1. Set the SOUND FIELD CONTROL as desired.
2. Select the desired program source with the FUNCTION button.
3. With a CD, load a CD into the player, and set REPEAT and/or RANDOM if necessary.
   With a cassette tape, load a cassette tape into the deck, specify the tape running direction with ► and stop the tape.
   With a preset station, select the station No.

Example: Using WAKE UP 1 to play a source from 6:40 to 8:15.

1 Press SET and then (within 5 seconds) press WAKE UP (–).
Press WAKE UP once to select WAKE UP 1.
Press WAKE UP twice to select WAKE UP 2.

2 Press SET within 5 seconds.

3 Set the wake up (ON) hour using WAKE UP (–)/REC (+) and press SET.

4 Set the wake up (ON) minute using WAKE UP (–)/REC (+) and press SET.
If you make no further changes within approx. 5 seconds, the OFF time is set as one hour after the ON time.

5 Set the turn OFF hour using WAKE UP (–)/REC (+) and press SET.

6 Set the turn OFF minute using WAKE UP (–)/REC (+) and press SET.

7 Set the desired volume level using WAKE UP (–)/REC (+).
You can select from among four volume level settings. Each time you press REC (+), the volume level setting changes in the following sequence: "A" → "B" → "C" → "–" (The volume setting when the timer is turned on.)
- With the A, B or C setting, the volume level increases from MIN to the selected level with fade-in when timer playback starts.

A: B: C:

8 Press SET.
This completes timer setting.
Timer on time, timer off time, volume level setting and function setting are displayed in order.

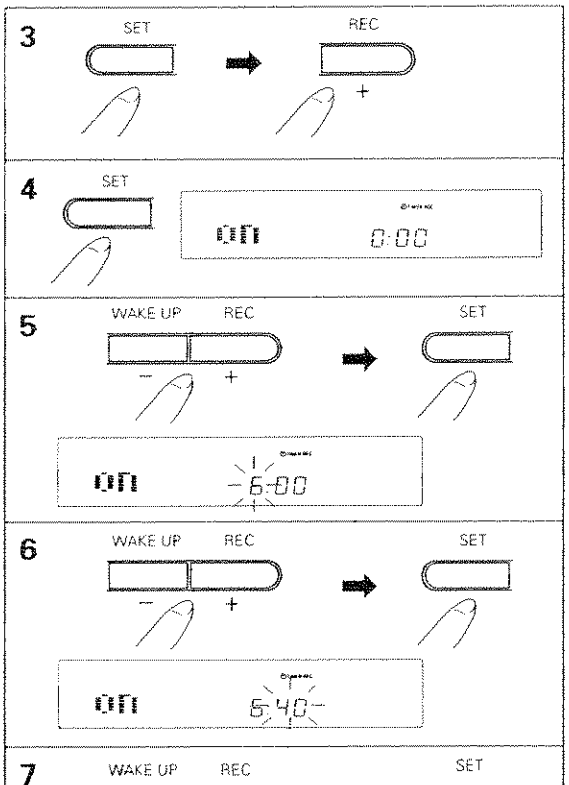
[To activate the timer]

9 Press WAKE UP (–) and ⏲ TIMER WAKE UP 1 or WAKE UP 2 will light in the display.
Press once for WAKE UP 1.
Press twice for WAKE UP 2.

10 Turn the power off with POWER STANDBY/ON.

Tape playback:
Timer playback is possible with a cassette tape loaded in deck I or deck II. When tapes are loaded into both decks, relay playback will be carried out.

TIMER RECORDING



Timer setting

This allows unattended recording of radio broadcasts.

- Timer recording will be carried out with a preset station. Store the station to be recorded in preset memory beforehand.
- The timer recording mode is deactivated after it has been performed once.

Example: ST-5 is recorded from 6:40 to 7:15.

1 **Load the tape for recording into Deck II.**
Timer recording should begin in the forward direction (►).
- Check to see that the cassette's accidental erasure prevention tabs have not been removed.

2 **Set DOLBY NR on the cassette tape deck to the desired position.**

3 **Press SET and then (within 5 seconds) press REC (+).**

4 **Press SET within 5 seconds.**

5 **Set the recording (ON) hour using WAKE UP (–)/REC (+) and press SET.**

6 **Set the recording (ON) minute using WAKE UP (–)/REC (+) and press SET.**
If you make no further changes within about five seconds, the OFF time is set as one hour after the ON time.

7 **Set the turn OFF hour using WAKE UP (–)/REC (+) and press SET.**

8 **Set the turn OFF minute using WAKE UP (–)/REC (+) and press SET.**

9 **Set the desired station No. using WAKE UP (–)/REC (+).**

10 **Press SET.**
This completes timer setting.
Timer ON time, timer OFF time and station No. are displayed in order.

[To activate timer recording]

11 **Press REC (+) and ⏲ TIMER REC will light in the display.**

12 **Turn the power off with POWER STANDBY/ON.**

NOTES:

- *When timer recording starts, the volume is set to minimum automatically. If you want to listen to the sound, adjust the volume with the VOLUME control after timer recording starts.*
- *If you do not turn off the power after setting the timer, timer recording will not be carried out.*
  If timer settings are overlapped, the later timer setting will not be carried out.

To check timer settings

1 **Press SET.**
2 **Press WAKE UP within 5 seconds.**
Press once to select WAKE UP 1.
Press twice to select WAKE UP 2.
3 **After 5 seconds, the display changes to the check mode, and timer settings are displayed in order.**

To change timer settings

To change all of the timer settings, start over again, inputting the settings that you want.
To change only one of the timer settings (after pressing SET and WAKE UP 1 or 2), press SET repeatedly until the display shows the item that you wish to change. Then use WAKE UP (–) and REC (+) to adjust the setting. Finally, repeatedly press SET to advance to the end of the procedure.

NOTES:
- *If the AC power cord is unplugged or a power failure occurs, set the timer again.*
- *When ON time setting is changed, OFF time setting changes automatically. Therefore, reset OFF time, if necessary.*

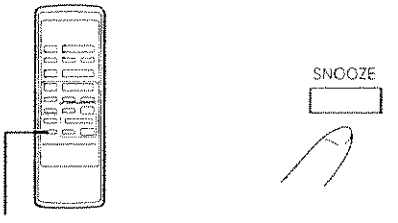
If you make a mistake while setting the timer

Go ahead to the next item and continue setting the various items until you finish. Then use the "To change timer settings" procedure to change the value of the item that was incorrect.

Turning the timer on and off

After entering the timer settings, check the display section to confirm which timer is on. The one that is lit (WAKE UP 1 or 2) is the one that will be executed.
If you press WAKE UP to turn off the indication, the timer will not operate. However, since the settings remain stored in memory, you can press WAKE UP again to reactivate the timer.

The SNOOZE function

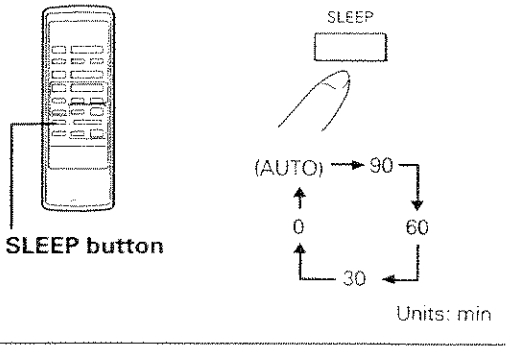


SNOOZE button

After timer playback begins, you can press SNOOZE on the remote control unit to turn the power off temporarily. It comes back on after about 5 minutes.

NOTE:
Power will stay off and play will not resume after 5 minutes if SNOOZE is pressed when there is less than 5 minutes time remaining in the timer setting.

SLEEP TIMER



SLEEP button

Sleep timer - Automatically turns off power

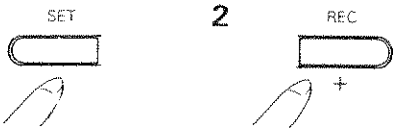
Power turns off automatically after the specified time has elapsed. Each time SLEEP is pressed, the setting changes in the following sequence: AUTO (during recording only) → 90 → 60 → 30 → 0.
When sleep timer operates, the display section becomes less bright.

Auto sleep

If SLEEP is pressed during recording, auto sleep is switched on. When recording finishes, power is automatically switched off.

NOTE:
If you press SLEEP during Sleep operation, the time remaining till the power turns off is displayed. Do not press SLEEP while the remaining time is displayed. Otherwise, the setting changes and the sleep timer cannot function properly.

To check timer settings



1 **Press SET.**
2 **Press REC (+) within 5 seconds.**
3 **After 5 seconds, the display changes to the check mode, and timer settings are displayed in order.**

To change timer settings

To change all of the timer settings, start over again, inputting the settings that you want.
To change only one of the timer settings (after pressing SET and REC), press SET repeatedly until the display shows the item that you wish to change. Then use WAKE UP (–) and REC (+) to adjust the setting. Finally, repeatedly press SET to advance to the end of the procedure.

NOTE:
When ON time setting is changed, OFF time setting changes automatically. Therefore, reset OFF time, if necessary.

If you make a mistake while setting the timer

Go ahead to the next item and continue setting the various items until you finish. Then use the "To change timer settings" procedure to change the value of the item that was incorrect.

Turning the timer on and off

Confirm that the ⏲ TIMER REC indicator is lit on the display. Timer recording ends after being performed once. However, since the settings remain stored in memory, you can reactivate the timer by pressing TIMER REC so that the ⏲ TIMER REC indicator is lit again.

About timer setting priority
ON time: If REC timer and WAKE UP 1/2 timer are both at the same ON times, REC timer takes priority.
OFF time: When REC timer, WAKE UP 1/2 timer and SLEEP timer operate, earlier OFF time takes priority.

NOTE:
When WAKE UP timer and REC timer are set in succession, set these timers having an interval of 1 minute or more.

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used. If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

General

Symptom	Cause	Remedy
There is no power.	• AC cord is unplugged.	• Plug power cord into wall socket.
No power is supplied to the cassette deck CD player even when the POWER switch is turned on.	• The flat cable is disconnected.	• Refer to "CONNECTIONS" and connect the flat cable securely.
No sound from speakers.	• Volume is turned all the way down. • Speaker cords are disconnected. • Speaker cords are connected with vinyl insulation still on. • Function is not set to the desired listening source. • Connection cords are not connected or are incorrectly connected.	• Raise volume setting. • Connect speaker cords correctly. • Strip vinyl insulation from speaker wire tips before connecting. • Select correct function. • Connect correctly.
Sound from only one speaker.	• One of the speaker cords is disconnected or damaged.	• Connect correctly or replace with new cord.
Strange sounds heard (or recorded from) tape, CD or radio.	• TV is on. • The unit is too close to TV.	• Turn off TV. • Move TV away until interference stops.

Tuner

Symptom	Cause	Remedy
No AM reception.	• Loop antenna is not connected. • Wrong radio band. • Station not tuned in.	• Connect Loop antenna correctly. • Set to desired radio band. • Tune in station.
Beat noise heard.	• TV is on. • Loop antenna position bad.	• Turn off TV or move TV away. • Change loop antenna position.
Noise heard.	• Interference from nearby fluorescent light, hair dryer, or other electrical appliance.	• Stop using device causing interference.
Sound is distorted.	• Antenna in poor position. • Broadcast is weak. • Interference from other electrical devices or multipath reception.	• Change antenna position. • Use external antenna. • Change antenna position.
There is no stereo sound.	• Broadcast signal is weak, antenna input is insufficient. • The FM MONO button is turned on.	• Change to a multi-element external antenna. • Press FM MONO so that the MONO indicator goes out.

Clock and Timer

No time indication.	• There was a power outage. • AC plug was pulled out.	• Set time again. • Set time again.
Timer does not work.	• Current time is not set. • ON and/or OFF time is not set. • Timer is not on. • ON time and OFF time are set at the same time.	• Set current time. • Set ON and OFF times. • To use timer, press WAKE UP (–) or REC (+) so that the timer display lights. • Set ON and OFF times having an interval of 1 minute or more.

Remote control unit

Remote control does not work.	• Batteries are dead or no batteries in remote control unit. • Poor angle or too great a distance from the remote sensor window. • There is an obstacle between you and the remote sensor window. • A fluorescent lamp is located too near the remote sensor window.	• Insert new batteries. • Use within seven meters and within a 30 degree angle of the remote sensor window. • Change your position or move the obstacle. • Move the fluorescent lamp father away from the remote sensor window.

- Installation in close proximity to TV may cause noise or degradation of the picture. Such noise may be particularly noticeable when an indoor antenna is used. In such cases, make use of an outdoor antenna, or move the unit away from TV set.
- Abnormal functioning of this unit may be caused by lightning, static electricity, or other external interference. To restore normal operation, turn the power off and then on again, or unplug the AC power cord and then plug it in again.

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SPECIFICATIONS

STEREO RECEIVER: SX-P630

Amplifier Section

Continuous Power Output (DIN) ..... 30 W + 30 W
(1 kHz, T.H.D. 1%, 8 ohms)
Continuous Power Output (RMS) ..... 35 W + 35 W
(1 kHz, T.H.D. 5%, 8 ohms)
Music Power (DIN) ..... 48 W + 48 W
(1 kHz, T.H.D. 10%, 8 ohms)
Peak Music Power (Multi-voltage model only) ..... 310 W
Total Harmonic Distortion
(1 kHz, 20 W, 8 ohms) 0.2%*

Miscellaneous

Power Requirements
U.K. model ..... 240 V AC, 50/60 Hz
Multi-voltage model ..... 110/120 – 127/220/240 V AC
(switchable), 50/60 Hz
Power Consumption ..... 200 W
Dimensions ..... 260 (W) x 180 (H) x 295 (D) mm
Weight (without package) ..... 4.8 kg

STEREO RECEIVER: SX-P530

Amplifier Section

Continuous Power Output (DIN)
U.K. model ..... 24 W + 24 W
(1 kHz, T.H.D. 1%, 8 ohms)
Multi-voltage and Australian models ..... 30 W + 30 W
(1 kHz, T.H.D. 1%, 8 ohms)
Continuous Power Output (RMS)
U.K. model ..... 30 W + 30 W
(1 kHz, T.H.D. 5%, 8 ohms)
Multi-voltage and Australian models ..... 35 W + 35 W
(1 kHz, T.H.D. 5%, 8 ohms)
Music Power (DIN)
U.K. model ..... 40 W + 40 W
(1 kHz, T.H.D. 10%, 8 ohms)
Multi-voltage and Australian models ..... 48 W + 48 W
(1 kHz, T.H.D. 10%, 8 ohms)
Peak Music Power (Multi-voltage model only) ..... 310 W
Total Harmonic Distortion
(1 kHz, 17.5 W, 8 ohms) 0.2%*

Miscellaneous

Power Requirements
U.K. and Australian models ..... 240 V AC, 50/60 Hz
Multi-voltage model ..... 110/120 – 127/220/240 V AC
(switchable), 50/60 Hz
(Flat blade 2-pin AC plug model)
110/120/220/240 V AC (switchable), 50/60 Hz
(Round 2-pin AC plug model)
Power Consumption
U.K. model ..... 180 W
Multi-voltage and Australian models ..... 200 W
Dimensions ..... 260 (W) x 180 (H) x 295 (D) mm
Weight (without package) ..... 4.8 kg

* Measured by audio spectrum analyzer.

FM/AM Tuner Section (SX-P530, SX-P630)

FM Tuner Section

Frequency Range ..... 87.5 MHz to 108.0 MHz
Usable Sensitivity ..... Mono: 12.8 dBf, IHF
(1.2 µV/75 ohms)
Sensitivity (DIN) ..... Mono S/N 26 dB: 1 µV/75 ohms
Stereo S/N 46 dB: 50 µV/75 ohms
Signal-to-Noise Ratio (IHF, 85 dBf Input) ..... Mono: 77 dB
Stereo: 73 dB
Signal-to-Noise Ratio (DIN) ..... Mono: 66 dB
Stereo: 60 dB
Distortion ..... Stereo: 0.5 % (1kHz)
Antenna Input ..... 75 Ω unbalanced

AM (MW) Tuner Section

Frequency Range
With 10 kHz step ..... 530 kHz to 1,700 kHz
With 9 kHz step ..... 531 kHz to 1,602 kHz
Sensitivity (IHF, Loop antenna) ..... 350 µV/m
Antenna ..... Loop Antenna

SPECIFICATIONS

SPEAKER SYSTEM:
S-P630/S-P530

Enclosure ..... Bass reflex type
System ..... 2-way 2-speaker system
(Book-shelf style)
Loudspeakers:
Woofer ..... 14 cm cone type
Tweeter ..... 6.6 cm cone type
Frequency Range ..... 45 to 20,000 Hz (S-P630)
48 to 20,000 Hz (S-P530)
Nominal Impedance ..... 8 Ω
Sensitivity ..... 85 dB/W at 1 m distance
Music Power (DIN) ..... 60 W
Dimensions ..... 180 (W) x 360 (H) x 245 (D) mm (S-P630)
180 (W) x 360 (H) x 216 (D) mm (S-P530)
Weight ..... 3.5 kg (S-P630)
3.3 kg (S-P530)

S-P730D/S-P530D

Enclosure ..... Bass reflex type
System ..... 3-way 3-speaker system
(Book-shelf style)
Loudspeakers:
Woofer ..... 15 cm cone type (S-P730D)
14 cm cone type (S-P530D)
Mid-range ..... 6.6 cm cone type
Tweeter ..... 2 cm dome type (S-P730D)
1.6 cm cone type (S-P530D)
Frequency Range ..... 40 to 20,000 Hz (S-P730D)
42 to 20,000 Hz (S-P530D)
Nominal Impedance ..... 8 Ω
Sensitivity ..... 89 dB/W at 1 m distance (S-P730D)
90 dB/W at 1 m distance (S-P530D)
Maximum Power ..... 45 W (S-P730D)
40 W (S-P530D)
Dimensions ..... 200 (W) x 400 (H) x 262 (D) mm (S-P730D)
180 (W) x 360 (H) x 273 (D) mm (S-P530D)
Weight ..... 5.0 kg (S-P730D)
3.7 kg (S-P530D)

Accessories

Remote Control Unit 1
Dry Cell Batteries (AAA/R03) 2
FM T-type Antenna 1
AM Loop Antenna 1
Power Cord (Except for the U.K. model) 1
Speaker Cord (Included with speaker section)
(Except for the U.K. model) 2
Operating Instructions 1

NOTE:

Specifications and design subject to possible modification without notice due to improvements.

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